

Reflective Cracking Testing Notes

Date: March 13, 2015

Project: Reflective Cracking Indoor Phase IV

Weather:

	6:54 AM	3:54 PM
Temperature (°F):	27.0	43.0
Dew Point (°F):	9.0	19.0
Humidity (%):	47	38
Visibility (Miles):	10.0	10.0
Wind (MPH):	8.1 ENE	6.9 SSE
Conditions:	Clear	Clear

Working Hours: 7:00 AM – 4:30 PM

Sub-Contractor(s): ARA, SVT

Personnel: (1) technician (ARA), (1) engineer (SVT)

Equipment: Hand tools

Reflective Cracking Testing Notes:

The 12 mil test cycle continued on the test item. On the South test section, both the inner and outer vertical edges show no change. On the North test section, the inner vertical edge shows no change. The North outer vertical edge crack has propagated 1/8 inch since yesterday (3/12/2015) to 3 1/8 inches total, as shown in Figure 1 below.

The chiller appears to be running normally again after the error code appeared yesterday (3/12/2015). At 8:30 am, the interface temperature was 30.3 °F.



Figure 1. North Outer Vertical Edge - Crack.